

# Job Advertisement for Permanent Full-time Positions for 2020



Founded in 1989, the Korea Institute of Industrial Technology (KITECH) is a government-funded research institute dedicated to fostering micro, small and medium enterprises and industries by providing technology support and helping develop and commercialize fundamental technologies, thereby driving the nation's industrial advancement.

## [General - Research]

Location	Area	Major	Eligibility
Research Institute of Advanced Manufacturing Technology	○ Artificial intelligence field of press/metal molding	Mechanical/Producti on Engineering	Master or Doctor (1)
	○ Welding automation system design and control based on computer vision or machine learning	Mechanical/Welding Engineering	Doctor (1)
	○ Operation and utilization of national research facilities/equipment center jointly used	Metallic Material/New Material/Chemical Engineering, Electrochemistry	Master or Doctor (1)
	○ Supporting highly-precise advanced technology based on R&D		
	○ Metal 3D printing process development	Mechanical/Metal/ Material Engineering	Master or Doctor (1)
	○ Root Industry policy and project planning	New Material/Chemical /Metal Engineering, Technology Management, and other related areas	Master or Doctor (1)
	○ Ultra-precise chemical analysis technology of rare metal material	Metal/Chemical/ Material Engineering, Chemistry, Analytics	Master or Doctor (1)
Research Institute of Industrial Technology Convergence	○ Textile convergence material(ICT, NT, BT) ○ Industrial textile, smart dyeing, textile composite	Textile/Polymer/New Material Engineering	Master or Doctor (1)
	○ Manufacturing robot control	Electric and Electronic/Computer Engineering	Doctor (1)
	○ Industrial convergence policy and project planning	Technology Management, Management Engineering, Industrial Engineering	Master or Doctor (1)
	○ Organic/inorganic polymer composites ○ Smart packaging	Polymer/Chemical Engineering, Industrial Chemistry	Master or Doctor (1)

Location	Area	Major	Eligibility
Research Institute of Sustainable Manufacturing System	○ Robot processing system control	Mechanical Engineering	Doctor (1)
	○ Sensor fusion system design	Electric and Electronic/Mechanical/Industrial Engineering	Doctor (1)
Seonam regional division	○ Vehicle platform design and manufacturing, driving control system	Mechanical/Electric and Electronic/Computer Engineering	Master (1)
	○ OLED/LED processing and measuring	Physics, Material/Electric/Electronic Engineering	Master (1)
	○ Energy process/system and artificial intelligence linked technology(energy production/storage, material, process and system)	Electric and Electronic/Computer/Information Communications/Mechanical/Material/Chemical Engineering	Master (1)
Dongnam Regional Division	○ Hydrogen energy(Electrochemistry, water electrolysis, catalyst synthesis, system design)	Chemical/Material Engineering	Doctor (1)
	○ Intelligent IT convergence equipment/process	Mechanical Engineering	Master or Doctor (1)
Daegyeong Regional Division	○ Artificial Intelligence, machine learning, sensor, signal processing	Electric and Electronic/Computer/Mechanical/Industrial Engineering	Master or Doctor (1)
	○ Smart molding processing(Metal and polymer molding)	Mechanical/Material/Industrial Engineering	Master or Doctor (1)
Gangwon Regional Division	○ Research on industrial technology and development of generic technology based on material, part design, and material structure interpretation	Mechanical Engineering	Master or Doctor (1)
Ulsan Regional Division	○ Plasma applications and laser machining	Electric and Electronic/Mechanical Engineering	Doctor (1)
	○ Metallic materials and processing technology	Metal/Material/Mechanical Engineering	Doctor (1)

Location	Area	Major	Eligibility
Jeonbuk Regional Division	○ Material and part manufacturing process technology based on artificial intelligence	Material/Mechanical/ Electric and Electronic Engineering	Doctor (1)
Jeju Regional Division	○ Product appearance/mold design, operation field of micro-processing equipments related to digital manufacturing	Mechanical/ Mechatronics Engineering	Doctor (1)
Korea-Russia Innovation Center	○ Algorithm development based on artificial intelligence, and application field of manufacturing process(material, chemical engineering, mechanics)	Electronic/Computer/ Chemical Engineering, New Material Engineering related to AI, Information Communications	Doctor (1)

### [Research Assistants]

Category	Area	Major	Eligibility	Location
Technical	○ Equipment operation in chemical engineering or environment field	Chemistry, Chemical/Material/ Environment Engineering	Only bachelor's degree is required (1)	Ulsan Regional Division
Office work	○ General administration(administration support, research support)	No required major	Only bachelor's degree is required (1)	Dongnam Regional Division

- ※ See our official Website ([www.kitech.re.kr](http://www.kitech.re.kr)) to find out details about major regional divisions (locations)
- ※ Research assistants : Workforce coming under the open positions for unlimited contracts acknowledged by the Korean government



## Eligibility criteria and preferences

Category	Description
General	<ul style="list-style-type: none"> <li>○ A person whose eligibility is not suspended as per Article 33 (Grounds for Disqualification) of the 「State Public Officials Act」, Article 82 (Employment Restrictions on Public Organization Employees Dismissed for Corruption) of the 「Act on Anti-Corruption and the Establishment and Operation of the Anti-Corruption &amp; Civil Rights Commission」, or other relevant laws</li> <li>○ A person who is not restricted to participate in national R&amp;D project as of the 「Regulations of the National R&amp;D Project Management」, 「Regulations of R&amp;D Projects in Science and Technology under the Ministry of Science and ICT」 or other relevant laws</li> <li>○ A person who has not been canceled of employment in other public</li> </ul>

Category		Description
		institutions due to dishonesty in the process of employment ○ Completed military duty or exempted from it ○ Not disqualified from traveling abroad ○ Meets relevant eligibility and not disqualified from working in the advertised location ○ Do not apply if you do not meet the relevant eligibility requirements ○ Estimated date of the start of the work: September 1, 2020 (May be deferred for up to 30 days(1months))
Research	Ph.D.	○ 5 or more theses/dissertations and/or patent registrations (within 7 years of the day of job advertisement) - More than 3 SCI(E) theses required and the applicant should be the main author (including corresponding author) of at least more than one thesis. - More than 2 SCI(E) theses required for the applicant who has at least 5 years of industrial experience in the application field after obtaining a doctorate. - Except patent applications, domestic papers(not SCI(E)) or domestic/overseas conferences
	Masters	○ 3 or more theses/dissertations and/or patent registrations (within 7 years of the day of job advertisement) - More than 1 overseas paper except patent applications or domestic/overseas conferences
Preferences		○ Extra credit for veterans and people with disabilities upon submission of supporting document(s) pursuant to the relevant law ○ Preference for eligible female candidates



## Recruitment Process

### [General(Research) / Research Assistants(Technical/Office Work)]



## Required documents

Category	Document
General	○ Certificate of graduation, transcript ○ Copy of the proof of veteran status and/or disability (if applicable) ○ Certificate of experience/employment (if applicable) ○ Copy of license (if applicable) ※ All documents submitted are used to identify and determine the applicant's eligibility for job recruitments and preference. All applicants will be subject to blind recruitment across the entire selection process.
Research	○ Research outcome - Upload proof



## Submission and Inquiries

- Submit online by visiting the Korea Institute of Industrial Technology recruiting homepage(<http://recruit.kitech.re.kr>)
  - ※ Documents : Please refer to the above required documents to apply
- Submission period : From June 15(MON) until 18:00 June 29 (MON), 2020
  - We do not accept documents by post or in person. Please note that your documents may not be properly submitted on the day of the deadline due to heavy traffic. Please submit your documents 2 hours before the deadline. We do not accept documents after the deadline in any cases.
- Inquiries: Please direct any job and recruitment inquiries to the Korea Institute of Industrial Technology at [recruit@kitech.re.kr](mailto:recruit@kitech.re.kr) or ☎041-589-8128, 8169
- Other
  - Interview by video conference is available for overseas applicants (for technical and final interviews)
  - Applicants selected in the process will be contacted individually. Notifications will be made via contact information provided in the application.
  - Career experience should be confined to full-time positions for which certificate of experience or employment can be issued
  - No applicant may be selected if we cannot find an eligible candidate
  - Original copies of supporting documents (certificates of academic degree, licenses, etc.) should be submitted at the final interview
  - ※ Return of documents : For return of documents, applicants should fill out “Requisition form of return of recruiting documents(refer to the board in the recruiting homepage) and send via e-mail([recruit@kitech.re.kr](mailto:recruit@kitech.re.kr)) a scanned copy of the executed form within 14 days after announcement of the final interview result. (Documents will be discarded after the end of the request period or if there has not been a request from the applicant according to the 「Personal Information Protection Act」)
  - Upon acceptance of the Institute, official career experience will be determined based on the information provided in the application. Any disadvantage caused by the omission of or failure to provide correct information will be borne by the applicant.
  - The applicants whose information is confirmed as fraudulent or who are deemed inadequate or ineligible in a security check will be disqualified and their acceptance will be canceled.
  - The applicants who have not yet but are scheduled to graduate must submit a relevant certificate supporting their academic qualification within three months of employment. Failure to submit will result in the cancellation of employment.